



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

August 27, 2018

Ms. Bonnie J Bieber  
Product Registration Specialist  
FMC Corporation  
c/o FMC Stine Research  
P.O. Box 30  
Newark, Delaware 19714-0030

Subject: Notification per PRN 98-10 – Change primary brand name and label revisions due to registration transfer  
Product Name: Finesse Grass & Broadleaf herbicide  
EPA Registration Number: 279-9604  
Application Date: August 16, 2018  
Decision Number: 543669

Dear Ms. Bieber:

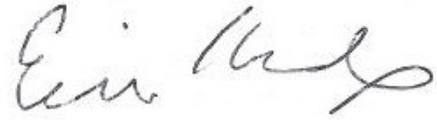
The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact BeWanda Alexander at (703)347-0313 or via email at [alexander.bewanda@epa.gov](mailto:alexander.bewanda@epa.gov).

Sincerely,

A handwritten signature in cursive script, appearing to read "Erik Kraft".

Erik Kraft, Product Manager 24  
Fungicide and Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

## NOTIFICATION

279-9604

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

08/27/2018



# **FINESSE**<sup>®</sup>

*GRASS AND BROADLEAF HERBICIDE*

This registration was transferred to FMC 05/25/2018. This is a copy of the new FMC labeling with changes highlighted vs. the currently accepted DuPont labeling identified with the EPA Reg. No. 352-718 (Label ID SL-1275 040609 03-26-09). This label is submitted via notification to the Agency showing the FMC labeling for newly transferred EPA Reg. No. 279-9604

## **FINESSE® Grass & Broadleaf HIGHLIGHTS**

- For selective postemergence grass and broadleaf weed control in winter and spring wheat (including durum).
- Apply postemergence to winter wheat anytime after the crop has 2 leaves, but prior to jointing.
- Apply postemergence to spring wheat (including durum) anytime after emergence, but before the majority of plants have 4 total leaves on main stem plus two tillers.
- May be applied by ground or air.
- Use in tank mixtures with other registered herbicides for broader spectrum weed control (see TANK MIXTURES).
- FINESSE® Grass & Broadleaf is recommended for land primarily dedicated to long-term production of wheat (see CROP ROTATION section for recropping information).
- Consult label text for complete instructions. Always read and follow label DIRECTIONS FOR USE.

## **TABLE OF CONTENTS**

PRECAUTIONARY STATEMENTS .....	3
DIRECTIONS FOR USE .....	4
GENERAL INFORMATION.....	4
Environmental Conditions and Biological Activity.....	4
Application Timing .....	5
Weeds Controlled .....	5
Weeds Partially Controlled .....	5
Specific Weed Problems .....	6
Tank Mixtures .....	6
CROP ROTATION .....	8
Minimum Recropping Intervals .....	8
Soil pH Limitations .....	8
Checking Soil pH .....	8
BIOASSAY .....	8
GRAZING .....	9
MIXING INSTRUCTIONS .....	9
SPRAY EQUIPMENT .....	9
SPRAYER CLEANUP.....	9
SPRAY DRIFT MANAGEMENT .....	10
RESISTANCE .....	11
INTEGRATED PEST MANAGEMENT .....	11
PRECAUTIONS .....	12
STORAGE AND DISPOSAL .....	13
NOTICE OF WARRANTY .....	14



# FINESSE®

GRASS AND BROADLEAF HERBICIDE

## For Use on Wheat

### Active Ingredients: By Weight

Chlorsulfuron: 2-Chloro-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)aminocarbonyl]benzenesulfonamide	25.0%
---	-------

Flucarbazone-sodium*: 4,5-Dihydro-3-methoxy-4-methyl-5-oxo-N-[[2-(trifluoromethoxy)phenyl]sulfonyl]-1H-1,2,4-triazole-1-carboxamide, sodium salt	46.7%
---	-------

<b>Inert Ingredients:</b>	<b>28.3%</b>
---------------------------	--------------

TOTAL	100.00%
-------	---------

\*44% Flucarbazone acid equivalent

EPA Reg. No. **279-9604**      EPA Est. No. \_\_\_\_\_

**Nonrefillable Container**                      **Refillable Container**

Net: \_\_\_\_\_      OR      Net: \_\_\_\_\_

## KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

### FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact **1-800-331-3148** for emergency medical treatment information.

Sold By



**FMC Corporation**  
2929 Walnut Street  
Philadelphia, PA 19104

Added FMC Address and Logo, could not highlight this text.

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**Caution!** Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Chemical-resistant gloves (Category A) made of materials such as butyl rubber ≥14mils, natural rubber ≥14mils, neoprene rubber ≥14 mils, or nitrile rubber ≥14 mils
- Shoes plus socks.

Discard clothing and other absorbent materials that have been drenched, or heavily contaminated with this product.

Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**Engineering Control Statement:** When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR Part 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### USER SAFETY RECOMMENDATIONS

**USERS SHOULD:** - Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposing of equipment washwaters or wastes.

Do not allow sprays to drift onto adjacent desirable plants.

## **IMPORTANT**

FINESSE® Grass & Broadleaf is for use on land primarily dedicated to the long-term production of wheat.

Read these entire Directions for Use, and the Limitation of Warranty and Liability, before using this product.

## **PESTICIDE HANDLING**

- Calibrate sprayers only with clean water away from the well site.
- Make scheduled checks of spray equipment.
- Assure accurate measurement of pesticides by all operation employees.
- Mix only enough product for the job at hand.
- Avoid over-filling of spray tank.
- Do not discharge excess material on the soil at a single spot in the field/grove or mixing/loading station.
- Dilute and agitate excess solution and apply at labeled rates/uses.
- Avoid storage of pesticides near well sites.
- Do not mix, load or clean spray equipment within 33 feet of well-heads or aquatic systems, including marshes, ponds, ditches, streams, lakes, etc.
- Do not apply within 50 feet of well-heads or the above mentioned aquatic systems.

## **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks.

FINESSE® Grass & Broadleaf must be used only in accordance with instructions on this label or in separate published FMC labeling. FMC will not be responsible for losses or damages resulting from the use of this product in any manner not specifically recommended by FMC.

**Do not apply this product through any type of irrigation system. Do not use flood irrigation to apply or incorporate FINESSE® Grass & Broadleaf.**

**FINESSE® Grass & Broadleaf is not for sale or use in Idaho, Oregon, Washington, Montana, Wyoming, or Minnesota.**

## **GENERAL INFORMATION**

FINESSE® Grass & Broadleaf controls weeds in wheat (including durum). Apply FINESSE® Grass & Broadleaf as a uniform broadcast spray according to the instructions given in this label. Failure to follow these directions may result in a reduction in weed control/suppression and/or a potential for crop injury. A surfactant should be used in the spray mix unless otherwise specified on this label.

FINESSE® Grass & Broadleaf is noncorrosive, nonflammable, nonvolatile, and does not freeze.

FINESSE® Grass & Broadleaf controls some broadleaf weeds by preemergence activity, and both grass and broadleaf weeds by postemergence activity. For best preemergence results, apply before weed seeds germinate. Use sprinkler irrigation or allow rainfall to move FINESSE® Grass & Broadleaf 2-3" deep into the soil profile. For best postemergence results, apply FINESSE® Grass & Broadleaf to young, actively growing weeds. The degree and duration of control may depend on the following:

- weed spectrum and infestation intensity
- weed size at application
- environmental conditions at and following treatment.

## **ENVIRONMENTAL CONDITIONS AND BIOLOGICAL ACTIVITY**

FINESSE® Grass & Broadleaf is absorbed through the roots and foliage of susceptible weeds, rapidly inhibiting their growth. One to 3 weeks after application to weeds, leaves of susceptible plants appear chlorotic, and the growing point subsequently dies.

Postemergence application of FINESSE® Grass & Broadleaf provides the best control in vigorously growing crops that shade competitive weeds. Weed control in areas of thin crop stand or seeding skips may not be as satisfactory. However, a crop canopy that is too dense at application can intercept spray and reduce weed control.

FINESSE® Grass & Broadleaf may injure crops that are stressed from adverse environmental conditions (such as extreme temperatures or moisture), abnormal soil conditions, or cultural practices. In addition, different varieties of the crop may be sensitive to treatment with FINESSE® Grass & Broadleaf under otherwise normal conditions. Treatment of such varieties may injure crops.

In warm, moist conditions, the expression of herbicide symptoms is accelerated in weeds; in cold, dry conditions, expression of herbicide symptoms is delayed. Abnormal environmental conditions (excess soil moisture, drought, or

extreme cold weather) can affect herbicidal activity and may reduce levels of weed control—resulting in weed stunting rather than weed death. In addition, weeds hardened-off by drought stress are less susceptible to FINESSE® Grass & Broadleaf.

Postemergence weed control may be reduced if rainfall occurs soon after application. Do not apply when rain is expected within the next hour after application.

### APPLICATION TIMING

FINESSE® Grass & Broadleaf must always be applied postemergence to crop and grass weeds. Do not apply preemergence, or before crop emergence is completed. To avoid crop injury, apply FINESSE® Grass & Broadleaf before jointing begins.

Do not make more than one application of FINESSE® Grass & Broadleaf per growing season.

FINESSE® Grass & Broadleaf herbicide may be applied in the winter as long as daytime temperatures reach 40°F.

**Winter Wheat:** Apply anytime after the crop has 2 leaves, but before jointing begins.

Treat late-seeded winter wheat after the crop has started to tiller since the combined effect of herbicide stress and stress from cold weather and/or moisture could cause crop injury.

**Spring Wheat and Durum:** Apply anytime after emergence, but before the majority of plants have 4 total leaves on the main stem plus 2 tillers. Do not apply after jointing begins. Note – Apply to Vic durum after early tillering, but before boot.

### RATE OF APPLICATION AND WEEDS CONTROLLED OR PARTIALLY CONTROLLED

FINESSE® Grass & Broadleaf will provide control or partial control of the following weeds when applied at the specified rates and application timing.

#### GRASS WEED INSTRUCTIONS

Grass Weeds	Grass Stage*	FINESSE® Grass & Broadleaf		
		0.6 oz/A	0.75 oz/A	0.9 oz/A
Annual Ryegrass ***	1-leaf to 2-tillers	NR**	C	C
Downy Brome ( <i>Bromus tectorum</i> )	1-leaf to 3-leaf	NR	NR	PC
Cheat ( <i>Bromus secalinus</i> )	1-leaf to 2-tillers	C#	C	C
Japanese Brome ( <i>Bromus japonicus</i> )	1-leaf to 2-tillers	C#	C	C
Rescuegrass ( <i>Bromus catharticus</i> )	1-leaf to 3-leaf	NR	PC	PC
Wild Oat ( <i>Avena fatua</i> )	1-leaf to 2-tillers	NR	C##	C

\*Use rates II or III when grass weed infestations are high.

Application beyond the specified grass weed stage can result in reduced performance and only partial control, or suppression, of target grass weeds.

\*\* C = Control.

PC = Partial Control (partially controlled weeds exhibit a visual annual reduction in numbers and/or a significant loss of vigor).

\*\*\* If FINESSE® Grass & Broadleaf is applied in a tank-mix combination with a 2,4-D containing broadleaf herbicide, Annual Ryegrass control may be reduced.

# For control of these weed species at the reduced rate, liquid nitrogen fertilizer as a carrier solution of 50% or greater must be added to the tank mix.

## For light to moderate populations only.

#### BROADLEAF WEED RECOMMENDATIONS

Broadleaf Weeds	FINESSE® Grass & Broadleaf		
	0.6 oz/A	0.75 oz/A	0.9 oz/A
Bedstraw	NR*	PC	PC
Black Mustard	C	C	C
Blue Mustard	C	C	C
Bur beakchervil	NR	PC	C
Bushy Wallflower/ Treacle Mustard	C	C	C
Buttercup	NR	PC	C
Canada thistle	NR	PC	PC
Coast Fiddleneck (tarweed)	NR	PC	C
Common chickweed	NR	PC	C
Common groundsel	NR	PC	C
Conical catchfly	C	C	C
Corn gromwell	NR	PC	PC
Curly dock	C	C	C
Corn spurry	NR	PC	C
Cow cockle	NR	PC	C
Cutleaf evening primrose	C	C	C
False chamomile	NR	PC	C
Falseflax	NR	PC	C
Field pennycress	C	C	C
Flixweed	C	C	C
Hempnettle	C	C	C
Henbit	C	C	C
Kochia +	NR	PC	PC
Ladysthumb	NR	PC	C
Lambsquarter	NR	PC	C
Mayweed	C	C	C
Miners lettuce	C	C	C
Mouseear chickweed	NR	PC	C
Pennsylvania smartweed	NR	PC	PC
Pineappleweed	C	C	C
Pigweeds (redroot, smooth, prostrate, tumble)	C	C	C
Prickly lettuce +	NR	PC	PC
Prostrate knotweed	NR	PC	PC
Purslane (common)	NR	PC	C
Redstem filaree	NR	PC	C
Russian thistle +	NR	PC	PC
Shepherd's-purse	C	C	C
Speedwell	NR	PC	PC
Sunflower	NR	PC	PC
Tansymustard	C	C	C
Volunteer canola	NR	PC	PC
Waterpod	C	C	C
White cockle	NR	PC	C
Wild buckwheat	NR	PC	PC
Wild carrot	NR	PC	C
Wild garlic/wild onion	NR	PC	PC
Wild mustard	C	C	C
Wild radish	NR	PC	PC
Wild turnip	NR	PC	C

\* C = Control.

PC = Partial Control (partially controlled weeds exhibit a visual reduction in numbers and/or a significant loss of vigor).

NR = Not recommended.

+ Naturally occurring resistant biotypes of these weeds are known to occur. See the Tank Mixtures and Resistance sections on this label for additional information.

## SPECIFIC WEED PROBLEMS

**Annual Ryegrass :** Apply FINESSE® Grass & Broadleaf early postemergence when Annual Ryegrass is 1 leaf to tillering stage of growth. Under abnormally wet conditions, fall applications may not adequately control Annual Ryegrass and/or broadleaf weeds that germinate in the spring.

**Canada Thistle:** Apply FINESSE® Grass & Broadleaf with surfactant after the majority of thistles have emerged and while they are small (rosette stage to 4"-6" tall) and actively growing. For maximum long-term effect, yearly treatment may be required.

**Flixweed, Tansymustard:** Apply FINESSE® Grass & Broadleaf when weeds are small and actively growing. If weeds are inactive due to cold, dry weather before and/or after treatment, delay application until moisture and temperature conditions are favorable for active weed growth. Under these conditions, FINESSE® Grass & Broadleaf may be tank-mixed with another herbicide that is effective on these weeds, such as 2,4-D (use a minimum of 1/4 lb. active ingredient per acre of 2,4-D).

**Kochia:** Naturally occurring biotypes resistant to FINESSE® Grass & Broadleaf are known to occur. For best results, use FINESSE® Grass & Broadleaf in a tank mix with Starane, Starane + Salvo, or bromoxynil containing products (such as "Buctril", "Bison", "Bronate" or "Bronate Advanced"). FINESSE® Grass & Broadleaf should be applied in the spring when kochia are less than 2" tall and are actively growing (refer to the Tank Mixtures section of this label for additional details on rates and restrictions).

**Plains coreopsis:** In the late winter or very early spring, apply either ALLY® XP at 0.1 ounce/acre, or ALLY® EXTRA at 0.4 ounce/acre, after application of FINESSE® Grass & Broadleaf to control Plains coreopsis.

**Russian thistle, Prickly lettuce:** Naturally occurring biotypes resistant to FINESSE® Grass & Broadleaf of these weeds are known to occur. For best results, use FINESSE® Grass & Broadleaf in a tank mix with bromoxynil containing products (such as "Buctril", "Bison", "Bronate" or "Bronate Advanced"). FINESSE® Grass & Broadleaf should be applied in the spring when Russian thistle and prickly lettuce are less than 2" tall or 2" across, and are actively growing (refer to the Tank Mixtures section of this label for additional details on rates and restrictions).

**Lambsquarters:** For best results, apply FINESSE® Grass & Broadleaf in the fall. For best postemergence suppression, apply FINESSE® Grass & Broadleaf plus 2,4-D after the majority of weeds have emerged (less than 2" tall or 2" across) and are actively growing. Soil moisture should be adequate, and daily temperatures should reach at least 60 °F.

**Prostrate Knotweed:** For best results, apply in the fall.

## Sunflower (New Mexico, Oklahoma (Panhandle), and Texas):

For best results, apply FINESSE® Grass & Broadleaf after the majority of sunflowers have emerged, are actively growing, and are not more than 2" tall.

**Wild Buckwheat:** For postemergence applications, tank mix with 2,4-D, "Buctril", "Bison", "Bronate", or "Bronate Advanced" and surfactant, and apply after the majority of seedlings have emerged and are actively growing.

**Wild Garlic/Wild Onion:** FINESSE® Grass & Broadleaf provides aerial bulblet control only.

## TANK MIX INFORMATION AND PRECAUTIONS

Tank Mixtures with Dicamba: Tank mixtures of FINESSE® Grass & Broadleaf with Dicamba may result in reduced control of grass weeds.

Tank Mixes with Insecticides: FINESSE® Grass & Broadleaf may be tank mixed with insecticides registered for use on wheat. However, under certain conditions (stress from drought, cold weather or warm days and cold nights following application, or crops in the 2-4 leaf stage), tank mixtures or sequential treatments of FINESSE® Grass & Broadleaf and organophosphate insecticides (such as methyl or ethyl parathion, "Di-Syston", etc.) may produce

temporary crop yellowing or, in severe cases, crop injury. Test these mixtures in a small area first. If no symptoms of crop injury occur 14 days after treatment, treat the rest of the acreage.

Do not use FINESSE® Grass & Broadleaf plus Malathion, as crop injury may result.

Do not apply FINESSE® Grass & Broadleaf within 60 days of crop emergence where an organophosphate insecticide (such as "Di-Syston") has been applied as an in-furrow treatment, as crop injury may result.

Surfactants : Unless otherwise specified, add a non-ionic surfactant (NIS) having at least 80% active ingredient at 0.5% v/v (2 quarts per 100 gallons of spray solution). Antifoaming agents may be used if needed. If another herbicide is tank mixed with FINESSE® Grass & Broadleaf, select adjuvants authorized for use with all the tank-mix partner herbicides. Adjuvants must contain only EPA-exempt ingredients (40 CFR 180.1001).

Ammonium Nitrogen Fertilizer: In addition to a non-ionic surfactant, use 2 qt. /acre of a high-quality urea ammonium nitrate (UAN), such as 28%N or 32%N, or 2 lbs./acre of a spray-grade ammonium sulfate (AMS). Use 4 qt/acre UAN or 4 lbs./acre AMS under arid conditions.

Do not use low rates of liquid fertilizer as a substitute for surfactant.

Carrier Solutions (With Liquid Nitrogen Solution Fertilizer): Liquid nitrogen fertilizer solutions may be used as a carrier in place of water. Run a tank mix compatibility test before mixing FINESSE® Grass & Broadleaf in fertilizer solution.

**FINESSE® Grass & Broadleaf must first be slurried with water, then added to liquid nitrogen solutions (e.g., 28-0-0, 32-0-0).** Ensure that the agitator is running while FINESSE® Grass & Broadleaf is added. Note that use of fertilizer as the carrier may result in temporary crop yellowing and stunting.

If using rates of liquid nitrogen fertilizer in the spray solution that are less than 50% of the spray solution volume, the addition of non-ionic surfactant is necessary. Add surfactant at 1/2 pint to 1 quart per 100 gallons of spray solution (0.063 to 0.25% v/v) based on local guidance.

When using rates of liquid nitrogen fertilizer in the spray solution that are greater than 50% of the spray solution, adding surfactant increases the risk of crop injury. Consult your agricultural dealer, consultant, fieldman, or FMC representative for a specific recommendation before adding surfactant to these tank mixtures.

## **TANK MIXTURES**

FINESSE® Grass & Broadleaf may be tank mixed with other suitable registered herbicides to control weeds that are listed on this label as partially controlled, weeds resistant to FINESSE® Grass & Broadleaf, and/or weeds not listed on this label as controlled. Read and follow all manufacturer's label instructions for the companion herbicide. If those instructions conflict with this label, do not tank mix the herbicide with FINESSE® Grass & Broadleaf. Use the most restrictive label limitations for each product used in the tank-mix.

If FINESSE® Grass & Broadleaf is applied in a tank mix with a dicamba containing broadleaf herbicide, grass control may be reduced.

Do not apply FINESSE® Grass & Broadleaf in combination with MCPA/MCPA Ester (MCPE) within 72 hours of frost.

### ***With 2,4-D (amine or ester)***

When applying to winter wheat, FINESSE® Grass & Broadleaf may be used as a tank-mix treatment with a 2,4-D containing herbicide (preferably ester formulations). For best results, add 2,4-D herbicides to the tank at 1/8 to 1/4 lb active ingredient per acre. Apply FINESSE® Grass & Broadleaf plus 2,4-D after tillering (refer to appropriate 2,4-D's manufacturer's label). Tank mixtures of FINESSE® Grass & Broadleaf plus 2,4-D may result in reduced control of grass weeds. **Unless otherwise instructed by FMC, do not add a surfactant when mixing with 2,4-D ester formulations.**

### ***With Bromoxynil containing products (such as "Buctril", "Bison", "Bronate" or "Bronate Advanced")***

FINESSE® Grass & Broadleaf may be tank mixed with bromoxynil containing herbicides registered for use on wheat. For best results, add bromoxynil containing herbicides to the tank at 3 to 6 oz active ingredient per acre (such as "Bronate" or "Bison" at 3/4 - 1 1/2 pt per acre). Tank mixes of FINESSE® Grass & Broadleaf plus bromoxynil may result in reduced control of Canada thistle.

### ***With "Starane", "Starane + Salvo"***

For improved control of Kochia (2" tall) FINESSE® Grass & Broadleaf may be tank mixed with 1/3 to 2/3 pints per acre of Starane, 2/3 to 1 1/3 pints per acre of Starane + Salvo. Refer to the FMC herbicide label, and the Starane, Starane + Salvo labels for information regarding use restrictions, labeled crops, rotational cropping intervals, sprayer cleanup, use precautions and other information.

2,4-D herbicides (preferably ester formulations) may be tank mixed with FINESSE® Grass & Broadleaf plus Starane. Consult local guidance and the Tank Mixtures section of this label for additional information.

### ***With "Aim"***

FINESSE® Grass & Broadleaf can be tank mixed with "Aim" herbicide for improved control of weeds in wheat.

Refer to the "Aim" label for information regarding use restrictions, labeled crops, rotational cropping intervals, sprayer cleanup, use precautions and other information.

### ***With "Stinger" or "Curtail"***

FINESSE® Grass & Broadleaf can be tank mixed with "Stinger" or "Curtail" herbicides for improved control of weeds in wheat.

Refer to the "Stinger" or "Curtail" label for information regarding use restrictions, labeled crops, rotational cropping intervals, sprayer cleanup, use precautions and other information.

## **GROUND APPLICATION**

To obtain optimum spray distribution and thorough coverage use flat-fan nozzles.

- For best performance, select nozzles and pressure that deliver MEDIUM spray droplets. Nozzles that deliver COARSE spray droplets may be used to reduce drift, provided spray volume is increased to maintain coverage on small weeds. For optimal product performance and minimal spray drift, adjust the spray boom to the lowest possible spray height recommended in manufacturers' specifications.
- Overlaps or starting, stopping, slowing, and turning while spraying may result in crop injury.
- When using flat-fan nozzles, use a spray volume of at least 5 gal per acre (GPA) at 30 to 50 PSI to ensure proper weed coverage.
- Use screens that are 50-mesh or larger.

## **AERIAL APPLICATION**

Apply in water using a minimum spray volume of 3 gallons/acre. Use a minimum of 5 gallons/acre under dry conditions or heavy weed infestations. For best results, include 1 gallon of 28-0-0, or 1 gallon of 32-0-0, ammonium nitrogen fertilizer plus 0.5% surfactant. Aerial application of FINESSE® Grass & Broadleaf should be made with low drift nozzles at a maximum height of 10 feet above the crop and at a maximum pressure of 40 psi. Do not apply aurally when wind speed is greater than 10 mph. Do not allow spray to drift onto adjacent crops, as injury may occur.

## CROP ROTATION

Before using FINESSE® Grass & Broadleaf, carefully consider your crop rotation plans and options. For rotational flexibility, it is recommended to not treat all of your wheat acres at the same time.

## MINIMUM RECROPPING INTERVALS

Minimum recropping intervals\* are determined by the rate of breakdown of FINESSE® Grass & Broadleaf applied. FINESSE® Grass & Broadleaf breakdown in the soil is affected by soil pH, soil temperature, and soil moisture. Low soil pH, high soil temperature, and high soil moisture increase FINESSE® Grass & Broadleaf breakdown in soil, while high soil pH, low soil temperature, and low soil moisture slow FINESSE® Grass & Broadleaf breakdown. Of these three factors, only soil pH remains relatively constant. Soil temperature, and to a greater extent, soil moisture, can vary significantly from year to year and from area to area. For this reason, soil temperatures and soil moisture should be monitored regularly when considering recropping.

\* The minimum recropping interval represents the period of time from the last application to the anticipated date of the next planting. Before using FINESSE® Grass & Broadleaf, carefully consider your crop rotation plans and options. For rotational flexibility, do not treat all of your wheat acres at the same time.

## SOIL PH LIMITATIONS

FINESSE® Grass & Broadleaf should not be used on soils having a pH above 7.9, as extended soil residual activity could extend crop rotation intervals beyond normal, and under certain conditions, could injure wheat. In addition, other crops planted in high-pH soils can be extremely sensitive to low concentrations of FINESSE® Grass & Broadleaf.

### Checking Soil pH

Before using FINESSE® Grass & Broadleaf, determine the soil pH of the areas of intended use. To obtain a representative pH value for the test area, take several 0 to 4" samples from different areas of the field and analyze them separately. Consult local extension publications for additional information on recommended soil sampling procedures.

### Rotation Intervals for Cereal Crops\*

Location	Crop	Soil pH	Minimum Rotation Interval (months) *
All Areas	Wheat	7.9 or lower	4
NE, KS, OK, TX	Barley	7.9 or lower	10

\* Unless a crop rotation interval is specified, a field bioassay must be completed before rotating to any crop not listed. See "Bioassay" section of this label for information on conducting a field bioassay in target areas.

### Rotation Intervals for STS Soybeans

Location	Crop	Soil pH	Minimum Rotation Interval (months) *
All Areas	STS Soybeans	All	9

\* Unless a crop rotation interval is specified, a field bioassay must be completed before rotating to any crop not listed. See "Bioassay" section of this label for information on conducting a field bioassay in target areas.

## Rotation Intervals for Other Noncereal Crops\*

State	Location County or Area	Crop	Soil pH	Cumulative Precipitation (Inches)	Minimum Rotation Interval (months)*
KS	Central (E. of Hwy 183, W. of the Flint Hills)	Soybeans**	7.5 or lower 7.6 to 7.9	25 46	14 26
	W. Central & Western (generally West of Hwy. 183 to the Western edge of Grant, Kearny, Logan, Rawlins, Stevens, Thomas and Wichita counties)	Soybeans	7.5 or lower 7.6 to 7.9	40 60	24 36
	Far Western - In the last tier of counties along the KS/CO border (Cheyenne, Greeley, Hamilton, Morton, Sherman, Stanton, and Wallace)	Soybeans	7.5 or lower 7.6 to 7.9	36 60	26 48
	S. Central (Franklin, Nuckolls, Thayer and Western counties)	Soybeans	7.5 or lower 7.6 to 7.9	25 46	14 26
NE	Western (W. of Hwy 183 to WY border)	Soybeans	7.5 or lower 7.6 to 7.9	40 60	24 36
	East of the Panhandle	Soybeans	7.9 or lower	25	14
TX	Eastern counties (Archer, Bell, Bosque, Bowie, Camp, Cass, Clay, Colin, Cooke, Coryell, Dallas, Delta, Denton, Ellis, Falls, Fannin, Franklin, Grayson, Hill, Hood, Hopkins, Hunt, Jack, Johnson, Kaufman, Lamar, Limestone, McLennan, Milam, Montague, Morris, Navarro, Palo Pinto, Parker, Rains, Red River, Robertson, Rockwall, Somervell, Tarrant, Titus, Upshur, Van Zandt, Wichita, Williamson, Wise, Wood and Young)	Soybeans	7.9 or lower	25	14

\* Unless a crop rotation interval is specified, a field bioassay must be completed before rotating to any crop not listed. See "Bioassay" section of this label for information on conducting a field bioassay in target areas.

\*\*Non-STS soybeans.

## BIOASSAY

A field bioassay must be completed before rotating to any crop not listed (See the Rotation Intervals table), or if the soil pH is not in the specified range, or if the minimum cumulative precipitation has not occurred since application.

### Field Bioassay

To conduct a field bioassay, grow test strips of the crop or crops you plan to grow the following year in fields previously treated with FINESSE® Grass & Broadleaf.

Crop response to the bioassay will indicate whether or not to rotate to the crop(s) grown in the test strips.

If a field bioassay is planned, check with your local FMC representative for information detailing the field bioassay procedure.

## **GRAZING**

Treated wheat fields may be grazed at any time.

Note: For best results, apply FINESSE® Grass & Broadleaf 5-7 days before grazing. Grazing under wet soil conditions may reduce grass weed control or suppression.

## **MIXING INSTRUCTIONS**

1. Fill the tank 1/4 to 1/3 with clean water.
2. While agitating, add the required amount of FINESSE® Grass & Broadleaf.
3. Continue agitation until the FINESSE® Grass & Broadleaf is fully dispersed, at least 5 minutes.
4. Once the FINESSE® Grass & Broadleaf is fully dispersed, maintain agitation and continue filling tank with water. FINESSE® Grass & Broadleaf should be thoroughly mixed with water before adding any other material.
5. As the tank is filling, add tank mix partners (if desired) then add the necessary volume of nonionic surfactant. Always add surfactant last. Antifoaming agents may be used.
6. If the mixture is not continuously agitated, settling will occur. If settling occurs, thoroughly re-agitate before using.
7. Apply FINESSE® Grass & Broadleaf spray mixture within 24 hours of mixing to avoid product degradation.
8. If FINESSE® Grass & Broadleaf and a tank mix partner are to be applied in multiple loads, pre-slurry the FINESSE® Grass & Broadleaf in clean water prior to adding to the tank. This will prevent the tank mix partner from interfering with the dissolution of the FINESSE® Grass & Broadleaf.

Do not use FINESSE® Grass & Broadleaf with spray additives that reduce the pH of the spray solution to below 3.0.

## **SPRAY EQUIPMENT**

- For specific application equipment, refer to the manufacturer's recommendations for additional information on GPA, pressure, speed, nozzle types and arrangements, nozzle heights above the target canopy, etc.
- Be sure to calibrate air or ground equipment properly before application. Select a spray volume and delivery system that will ensure thorough coverage and a uniform spray pattern with minimum drift. Use higher spray volumes to obtain better coverage when crop canopy is dense. Avoid swath overlapping, and shut off spray booms while starting, turning, slowing, or stopping, to avoid injury to the crop.
- Do not make applications using equipment and/or spray volumes or under weather conditions that might cause spray to drift onto nontarget sites. For additional information on spray drift, refer to the Spray Drift Management section of this label.

- Continuous agitation is required to keep FINESSE® Grass & Broadleaf in suspension.

## **SPRAYER CLEANUP**

Spray equipment must be cleaned before FINESSE® Grass & Broadleaf is sprayed. Follow the cleanup procedures specified on the labels of previously applied products. If no directions are provided, follow the six steps outlined in After Spraying FINESSE® Grass & Broadleaf below.

### ***At the End of the Day***

When multiple loads of FINESSE® Grass & Broadleaf herbicide are applied, it is recommended that at the end of each day of spraying, the interior of the tank be rinsed with fresh water and then partially filled, and the boom and hoses flushed. This will prevent the buildup of dried pesticide deposits, which can accumulate in the application equipment.

### ***After Spraying FINESSE® Grass & Broadleaf and Before Spraying Crops Other Than Wheat***

To avoid subsequent injury to desirable crops, thoroughly clean all mixing and spray equipment immediately following applications of FINESSE® Grass & Broadleaf as follows:

1. Drain tank; thoroughly rinse spray tanks, boom, and hoses with clean water. Loosen and physically remove any visible deposits.
2. Fill the tank with clean water and 1 gal of household ammonia\* (contains 3% active) for every 100 gal of water. Flush the hoses, boom, and nozzles with the cleaning solution. Then add more water to completely fill the tank. Circulate the cleaning solution through the tank and hoses for at least 15 min. Flush the hoses, boom, and nozzles again with the cleaning solution, and then drain the tank.
3. Remove the nozzles and screens and clean separately in a bucket containing cleaning agent and water.
4. Repeat step 2.
5. Rinse the tank, boom, and hoses with clean water.
6. If only Ammonia is used as a cleaner, the rinsate solution may be applied back to the crop(s) recommended on this label. Do not exceed the maximum labeled use rate. If other cleaners are used, consult the cleaner label for rinsate disposal instructions. If no instructions are given, dispose of the rinsate on site or at an approved waste disposal facility.

\* Equivalent amounts of an alternate-strength ammonia solution or a FMC-approved cleaner can be used in the cleanout procedure. Carefully read and follow the individual cleaner instructions. Consult your Agricultural dealer, applicator, or FMC representative for a listing of approved cleaners.

Notes:

1. Caution: Do not use chlorine bleach with ammonia, as dangerous gases will form. Do not clean equipment in an enclosed area.
2. Steam-cleaning spray tanks is recommended prior to performing the above cleanout procedure to facilitate the removal of any caked deposits.
3. When FINESSE® Grass & Broadleaf is tank mixed with other pesticides, all required cleanout procedures should

be examined and the most rigorous procedure should be followed.

4. In addition to this cleanout procedure, all precleanout guidelines on subsequently applied products should be followed as per the individual labels.
5. Where routine spraying practices include shared equipment frequently being switched between applications of FINESSE® Grass & Broadleaf and applications of other pesticides to FINESSE® Grass & Broadleaf sensitive crops during the same spray season, it is recommended that a sprayer be dedicated to FINESSE® Grass & Broadleaf to further reduce the chance of crop injury.

## SPRAY DRIFT MANAGEMENT

The interaction of many equipment and weather-related factors determines the potential for spray drift. The user is responsible for considering all these factors when making application decisions. Follow the additional precautions below to minimize the potential for spray drift.

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.

**AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.**

### Drift Control Adjuvants

A drift control adjuvant may be used to reduce the potential for drift. However, because it is the combined physical-chemical properties of all the ingredients in the spray mix that can determine drift potential, the applicator must confirm that the drift control adjuvant used is having the desired effect with the tank mix that is being applied. If a drift control adjuvant is used, follow the use directions and precautions on the manufacturer's label. Do not use an adjuvant which increases viscosity with application systems that cannot accommodate viscous sprays.

**Ground Application:** With ground equipment, spray drift can be lessened by keeping the spray boom as low as possible (i.e., a release height of 4 feet or less above the application target); by applying 10 gallons or more of spray per acre; by keeping the operating spray pressures at the manufacturer's recommended minimum pressures for the specific nozzle type used; and by spraying when the wind velocity is low (follow all applicable state regulations).

Do not make ground applications within a surface temperature inversion when applying near an area requiring protection to avoid an unreasonable adverse effect. Applicators may determine presence of an inversion by noting the presence of ground fog, light variable wind, or layering of smoke and dust. Be particularly alert to the potential for a surface temperature inversion when winds are calm.

Direct the sprays no higher than the tops of target vegetation, and maintain spray pressures at levels which provide coarse to very coarse spray droplets to minimize drift.

**Aerial Application:** The following drift management requirements must be followed to avoid off-target drift movement from aerial applications:

1. The distance between the outer most operating nozzles on the boom must not exceed 75% of the wingspan. For helicopters, use a boom length and position that prevents droplets from entering the rotor vortices.

2. Nozzles should always point backward parallel with the air stream.

Where states have more stringent regulations, they must be observed. The applicator should be familiar with and take into account the information presented below.

### IMPORTANCE OF DROPLET SIZE

Since the most effective way to reduce drift potential is to apply large droplets, equipment producing a coarse to very coarse droplet spectrum must be used when applying this product. The best drift management strategy is to apply the coarsest drop size spectrum that provides sufficient coverage and control. The presence of sensitive species

nearby, the environmental conditions, and pest pressure may affect how an applicator balances drift control and coverage. **APPLYING LARGER DROPLETS REDUCES DRIFT POTENTIAL, BUT WILL NOT PREVENT DRIFT IF APPLICATIONS ARE MADE IMPROPERLY OR UNDER UNFAVORABLE ENVIRONMENTAL CONDITIONS!**

See "WIND", "TEMPERATURE AND HUMIDITY", and "SURFACE TEMPERATURE INVERSIONS" sections of this label.

### Controlling Droplet Size – Ground Application

- Volume - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets
- Pressure – Do not exceed the manufacturer's recommended pressures. Use the lower spray pressures recommended for the nozzle. Higher pressure generally reduces droplet size and does not improve canopy penetration. **WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.**
- Nozzle Type - Use a nozzle type according to manufacturer's specifications which is designed for the intended application, and that produces a coarse to very coarse droplet size spectrum. With most nozzle types, narrower spray angles produce larger droplets. To further reduce drift, low-drift or drift reducing nozzles should be used.

### Controlling Droplet Size - Aircraft

- Number of Nozzles - Use the minimum number of nozzles that provide uniform coverage.
- Nozzle Orientation – For some nozzle types, such as solid streams, orienting nozzles so that the spray is emitted backwards, parallel to the air stream minimizes the effects of air shear and will produce a coarser droplet spectrum than other orientations. For applications of this product, nozzles must be oriented in a manner that results in the application of a coarse to very coarse droplet size spectrum.
- Nozzle Type – Use a nozzle type according to manufacturer's specifications which is designed for the intended application. With most nozzle types, narrower

spray angles produce larger droplets. Solid stream and other drift reducing nozzles should be used.

### **BOOM LENGTH AND HEIGHT**

- Boom Height (ground) - Setting the boom at the lowest referenced height (if specified) which provides uniform coverage reduces the exposure of droplets to evaporation and wind. The boom should remain level with the crop and have minimal bounce. Apply at a height no greater than 4 feet above the top of the largest plants.
- Application Height (aircraft) – Apply at a height no greater than 10 feet above the top of the largest plants, unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.
- Boom Length (aircraft) - The distance between the outermost operating nozzles on the boom must not exceed 3/4 (75%) of the wingspan - longer booms increase drift potential. For helicopters, use a boom length and position that prevents droplets from entering the rotor vortices.

### **SWATH ADJUSTMENT**

When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the application equipment upwind. Swath adjustment distance should increase with increasing drift potential (higher wind, smaller drops, etc.).

### **WIND (ground and aerial application)**

Drift potential is lowest with a sustained wind of 2-10 mph. However, many factors, including droplet size and equipment type, determine drift potential at any given wind speed. Application should be avoided during gusty conditions, and when winds are below 2 mph due to variable wind direction and high potential for a temperature inversion. Avoid applying during calm conditions which may be conducive to air inversions.

Note: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

### **TEMPERATURE AND HUMIDITY (ground and aerial applications)**

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

### **SURFACE TEMPERATURE INVERSIONS (ground and aerial applications)**

Applications must not occur during a local, surface temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds which are common during inversions. Temperature inversions are characterized by increasing temperatures with height and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be

identified by the movement of the smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

### **SHIELDED SPRAYERS (ground application)**

Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift and not interfering with uniform deposition of the product.

Do not apply this product in a way that will contact workers or other people, either directly or through drift. Only protected handlers may be in the area during application.

### **SENSITIVE AREAS**

This product should be applied only when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g. when wind is blowing away from the sensitive areas). Small quantities of spray may seriously injure susceptible crops either during active growth periods or dormancy.

### **RESISTANCE**

FINESSE® Grass & Broadleaf is an acetolactate synthase (ALS) inhibiting herbicide. When herbicides that affect the same biological site of action are used repeatedly over several years to control the same weed species in the same field, naturally-occurring resistant biotypes may survive a correctly applied herbicide treatment, propagate, and become dominant in that field. Adequate control of these resistant weed biotypes cannot be expected. If weed control is unsatisfactory, it may be necessary to retreat the problem area using a product affecting a different site of action.

To better manage herbicide resistance through delaying the proliferation and possible dominance of herbicide resistant weed biotypes, it may be necessary to change cultural practices within and between crop seasons such as using a combination of tillage, retreatment, tank-mix partners and/or sequential herbicide applications that have a different site of action. Weed escapes that are allowed to go to seed will promote the spread of resistant biotypes. See the Weeds Controlled section of this label for additional information on managing herbicide resistant weed biotypes.

It is advisable to keep accurate records of pesticides applied to individual fields to help obtain information on the spread and dispersal of resistant biotypes. Consult your agricultural dealer, consultant, applicator, and/or appropriate state agricultural extension service representative for specific alternative cultural practices or herbicide recommendations available in your area.

### **INTEGRATED PEST MANAGEMENT**

This product may be used as part of an Integrated Pest Management (IPM) program that can include biological, cultural, and genetic practices aimed at preventing economic pest damage. IPM principles and practices include field scouting or other detection methods, correct target pest identification, population monitoring, and

treating when target pest populations reach locally determined action thresholds. Consult your state cooperative extension service, professional consultants or other qualified authorities to determine appropriate action treatment threshold levels for treating specific pest/crop systems in your area.

## PRECAUTIONS

For use only in wheat.

Injury to or loss of desirable trees or vegetation may result from failure to observe the following:

- Do not apply, drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots.
- Do not use on lawns, walks, driveways, tennis courts, or similar areas.

Injury to or loss of adjacent sensitive crops and vegetation may result from failure to observe the following:

- Take all necessary precautions to avoid all direct or indirect contact (such as spray drift) with non-target plants or areas.
- Carefully observe sprayer cleanup instructions, both prior to and after using this product, as spray tank residue may damage crops other than wheat.

Do not harvest grain sooner than 60 days after the application of FINESSE® Grass & Broadleaf.

Wheat varieties may differ in their response to various herbicides. FMC recommends that you first consult your state experiment station, university, or extension agent as to sensitivity to any herbicide. If no information is available, limit the initial use of FINESSE® Grass & Broadleaf to a small area.

Do not apply FINESSE® Grass & Broadleaf to wheat that is stressed by severe weather conditions, drought, low fertility, water-saturated soil, disease or insect damage, as crop injury may result. Severe winter stress, drought, disease, or insect damage following application may also result in crop injury.

Do not apply FINESSE® Grass & Broadleaf after jointing begins because crop injury may result.

Do not apply to wheat undersown with legumes and grasses, as injury to the forages will result.

Do not apply to frozen ground where surface runoff may result.

Do not apply to snow-covered ground.

Do not apply to irrigated land where tailwater will be used to irrigate other cropland.

To prevent crop injury due to cold weather, avoid early postemergence applications (2-4 leaf stage) to wheat during late fall or winter when cold weather conditions are unpredictable and can be severe. The combined effects of herbicide stress plus cold weather stress can result in greater crop injury than either stress factor alone.

Fall applications on coarse textured soils (especially those having a pH of greater than 7.0) may not provide adequate control or suppression of spring germinating weeds.

To reduce the potential for movement of treated soil due to wind erosion, do not apply to powdery dry or light sandy soils until they have been stabilized by rainfall, trashy mulch, reduced tillage or other cultural practices. Injury to immediately adjacent crops may result when treated soil is blown onto land used to produce crops other than cereal grains.

For ground applications applied postemergence to weeds when dry, dusty field conditions exist; control of weeds in wheel track areas may be reduced. The addition of 2,4-D should improve weed control under these conditions.

Preemergence applications of 2,4-D or herbicides containing 2,4-D made within two weeks of planting spring cereals may cause crop injury when used in conjunction with early postemergence applications of FINESSE® Grass & Broadleaf.

Wherever FINESSE® Grass & Broadleaf is used on land previously treated with "Finesse", "Ally", "Amber", "Assert", or other longer residual herbicides with the same mode of action, read the rotational guidelines on both labels and follow the one with the longest interval stated for your situation before choosing to rotate to crops other than wheat.

## STORAGE AND DISPOSAL

**Pesticide Storage:** Store product in original container only. Do not contaminate water, other pesticides, fertilizer, food or feed in storage.

**Pesticide Disposal:** Do not contaminate water, food, or feed by disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

### CONTAINER HANDLING:

**Refer to the Net Contents section of this product's labeling for the applicable "Refillable Container" or "Nonrefillable Container" designation.**

**Nonrefillable Plastic and Metal Containers (Capacity Equal to or Less Than 50 Pounds):** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then, (a) for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning; if burned, stay out of smoke, or (b) for Metal Containers, offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Nonrefillable Plastic and Metal Containers (Capacity Greater Than 50 Pounds):** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then, (a) for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning; if burned, stay out of smoke, or (b) for Metal Containers, offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

### **Nonrefillable Plastic and Metal Containers, e.g., Intermediate Bulk Containers [IBC] (Size or Shape Too Large to be Tipped, Rolled or Turned Upside Down):**

Nonrefillable container. Do not reuse or refill this container. Pressure rinse as follows: Empty the remaining product contents into application equipment or a mix tank. Insert pressure rinsing nozzle in the container, and rinse at about 40 PSI for at least 30 seconds. Drain rinsate for 10 seconds after the flow begins to drip. Pour or pump rinsate into application equipment or rinsate collection system. Then, (a) for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning; if burned, stay out of smoke, or (b) for Metal Containers, offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

### **Nonrefillable Paper or Plastic Bags, Fiber Sacks including Flexible Intermediate Bulk Containers (FIBC) or Fiber Drums With Liners:**

Nonrefillable container. Do not reuse or refill this container. Completely empty paper or plastic bag, fiber sack or drum liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Then offer for recycling if available or dispose of empty paper or plastic bag, fiber sack or fiber drum and liner in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Refillable Fiber Drums With Liners:** Refillable container (fiber drum only). Refill this container with FINESSE® Grass & Broadleaf containing chlorsulfuron only. Do not reuse this container for any other purpose. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Then offer the liner for recycling if available or dispose of liner in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner. Cleaning the container (fiber drum) before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container (fiber drum) before final disposal, completely empty container by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Then offer the container for recycling if available or dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**All Other Refillable Containers:** Refillable container. Refill this container with FINESSE® Grass & Broadleaf containing chlorsulfuron only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then, (a) for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning; if burned, stay out of smoke, or (b) for Metal Containers, offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn out threads and closure devices. Check for leaks after refilling and before transporting.

**Outer Pouches of Water Soluble Packets (WSP):**

Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or, dispose of the empty outer foil pouch in the trash as long as WSP is unbroken. If the outer pouch contacts the formulated product in any way, the pouch must be triple rinsed with clean water. Add the rinsate to the spray tank and dispose of the outer pouch as described previously.

Do not transport if this container is damaged or leaking. If the container is damaged, leaking or obsolete, or in the event of a major spill, fire or other emergency, contact CHEMTREC (Transportation and Spills) at 1-800-424-9300, day or night.

**NOTICE TO BUYER:** Purchase of this material does not confer any rights under patents of countries outside of the United States.

FMC, Aim® and Finesse® are trademarks of FMC Corporation or an affiliate.

"Buctril", "Bronate", "Sencor" and "Bronate Advanced" are registered trademarks of Bayer Corporation.

"Stinger", "Curtail" and "Starane" are registered trademarks of Dow AgroSciences

"Starane + Salvo" is a registered trademarks of United Agri Products

"Bison" is a registered trademark of Agriliance, LLC.

**SL - 1275-1 082318 03-26-09**

Changed trademarks from DuPont to FMC

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

Notice: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of FMC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and, to the extent consistent with applicable law, Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or FMC, and, to the extent permitted by applicable law, Buyer assumes the risk of any such use.

To the extent consistent with applicable law, FMC or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF FMC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

This Condition of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.